

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A pallet, provided with a top deck and a bearing construction attached to said top deck, wherein said top deck and said bearing construction are at least partly manufactured from plastic and are separately formed, wherein the bearing construction comprises at least two stringers extending substantially parallel to each other in a first plane, each of said stringers provided with bearing elements extending upwardly from said stringers on which the top deck rests, which stringers have a longitudinal direction, and wherein each of said stringers further comprises a first supporting means extending in a direction approximately parallel to said longitudinal direction in the bearing construction, and wherein the bearing construction also comprises at least two cross supports extending in a second plane and in a lateral direction approximately at right angles to the longitudinal direction of the stringers, wherein each of said cross supports comprises a second supporting means extending in a direction approximately parallel to the lateral direction of the cross supports, wherein said first plane is spaced from said second plane, and said bearing elements extend between said stringers and said cross supports, and wherein said cross supports are integral with said bearing construction and separable from said top deck without damaging the pallet.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Previously Presented) A pallet according to claim 1, wherein the first and second supporting means have at least a top deck-supporting, rigidity-enhancing function.

6. (Previously Presented) A pallet according to claim 1, wherein the first and second supporting means are at least partly manufactured from metal.

7. (Previously Presented) A pallet according to claim 1, wherein the first and second supporting means are at least partly manufactured from fiber or glass-reinforced or otherwise reinforced plastic.

8. (Canceled)

9. (Canceled)

10. (Previously Presented) A pallet according to claim 1, wherein the first and second supporting means are at least substantially confined in plastic of the top deck and/or the bearing construction.

11. (Previously Presented) A pallet according to claim 10, wherein at least a part of the first and second supporting means is injection molded in the pallet, at least in the top deck and/or the bearing construction.

12. (Previously Presented) A pallet according to claim 1, wherein the bearing construction comprises three stringers extending substantially parallel to each other, wherein each stringer bears two of said bearing elements extending above a top surface of the stringers, while in each stringer a first supporting element is included for rigidifying and/or protecting the respective stringer from creep, while the spaces between the stringers and/or the spaces between the bearing elements, below the top deck are suitable for inserting tines of a forklift or pallet cart.

13. (Withdrawn) A pallet, in particular according to claim 1, wherein a top deck is provided and, at two opposite sides, a drive-on element which is at an inclination relative to the top deck and a channel connected thereto, in which channel a recess is provided at a distance from the respective drive-on element, such that, if the pallet has been laid on a floor with the top deck turned upwards, a trolley such as a rolling container can be rolled with two wheels over the drive-on elements arranged on both sides, via the channel into the said recess.

14. (Withdrawn) A pallet according to claim 13, wherein at two opposite sides of each channel a drive-on element has been provided.

15. (Withdrawn) A pallet according to claim 13, wherein in a bottom of the or each recess, an opening is provided through which, from an underside of the pallet, an ejector element can be inserted for lifting, during use, a wheel of a rolling container received in the respective recess.

16. (Withdrawn) An assembly of a pallet according to claim 13 and at least one rolling container with at least two pairs of wheels, wherein the dimensions of the pallet and the rolling container are geared to each other such that a first pair of wheels of the rolling container can be received in two recesses in the channel while the wheels of the other pair stand on the adjacent drive-on elements.

17. (Withdrawn) An assembly according to claim 16, wherein two rolling containers can be received on the pallet side by side, with the wheels in the recesses or on the drive-on elements, respectively.

18. (Withdrawn) An assembly of a pallet according to claim 13 and a push-out device, wherein the push-out device is provided with ejector elements which can be inserted through openings into the pallet when the pallet is laid on the ejector device such that a rolling

container placed on the pallet is thereby slightly lifted, at least one pair of wheels of the rolling container in the recesses is pushed upwards.

19. (Currently Amended) A method for manufacturing a pallet, wherein a top deck and a bearing construction are separately manufactured, substantially from plastic by injection molding and/or compression molding, said bearing construction including at least two stringers defining a first plane, at least two cross supports defining a second plane and extending perpendicular to said stringers and at least two bearing elements extending upwardly from said stringers in said first plane to said cross supports in said second plane, wherein the top deck is attached to the bearing construction and wherein first and second supporting elements are received in the top deck, the bearing construction and/or between the top deck and the bearing construction, wherein the first and second supporting elements at least partly extend approximately at right angles from each other, and wherein said first supporting element extends parallel with said stringer and said second supporting element extends parallel with said cross support, and wherein said cross supports are integral with said bearing construction and separable from said top deck without damaging the pallet.

20. (Original) A method according to claim 19, wherein the supporting elements are manufactured from a material deviating from the plastic from which top deck and bearing construction have been manufactured, such that in the assembled pallet, the supporting elements exhibit a different creep than the top deck and the bearing construction.

21. (Withdrawn) A method for transporting rolling containers, wherein the rolling containers are positioned on pallets according to claim 13, wherein the rolling containers with the pallets are taken up and transported, optionally stacked on comparable assemblies of pallets and rolling containers, whereupon the pallets are laid on a floor, optionally on a push-out device, whereupon the rolling containers are rolled from the pallets.

22. (Withdrawn) An assembly of a pallet according to claim 16 and a push-out device, wherein the push-out device is provided with ejector elements which can be inserted through openings into the pallet when the pallet is laid on the ejector device such that a rolling container placed on the pallet is thereby slightly lifted, at least one pair of wheels of the rolling container in the recesses is pushed upwards.

23. (Withdrawn) A method for transporting rolling containers, wherein the rolling containers are positioned on pallets in an assembly formed according to claim 16, wherein the rolling containers with the pallets are taken up and transported, optionally stacked on comparable assemblies of pallets and rolling containers, whereupon the pallets are laid on a floor, optionally on a push-out device, whereupon the rolling containers are rolled from the pallets.

24. (Currently Amended) A pallet comprising:
a top deck molded from plastic;
a bearing construction molded from plastic and attached to said top deck, said bearing construction being molded separately from said top deck and including a plurality of stringers, a plurality of bearing elements extending upwardly from said stringers and a plurality of cross supports interconnecting said bearing elements, said stringers extending in a longitudinal direction and defining a first plane and said cross supports extending in a lateral direction perpendicular to said longitudinal direction and defining a second plane offset from said first plane, and wherein said cross supports are integral with said bearing construction and separable from said top deck without damaging the pallet;
a first supporting means integrally molded within each of said stringers and extending in said longitudinal direction; and
a second supporting means retained by each of said cross supports against a bottom surface of said top deck, said second supporting means extending in said lateral direction perpendicular to said first supporting means.

Applicant: Hoogland
Application Serial No.: 10/529,329
Filing Date: May 23, 2005
Docket No.: 294-211 PCT/US/RCE

25. (Currently Amended) A pallet as defined in Claim 24, wherein said top deck comprises a plurality of tubular edges extending downwardly from said bottom surface of said top deck, said tubular edges being separably snap-fit coupled with said bearing elements of said bearing construction.

26. (Previously Presented) A pallet as defined in Claim 24, wherein said first supporting means are formed with a plurality of openings for enhancing integral molding of said first supporting means with said stringers.

27. (Canceled)

28. (Previously Presented) A pallet as defined in Claim 24, wherein each of said first supporting means comprises flat portions extending between said bearing elements and lips extending upwardly from said flat portions into an interior of said bearing elements.

29. (Previously Presented) A pallet as defined in Claim 24, wherein each row of said bearing elements is provided with a pair of said second supporting means, said second supporting means being provided on opposite sides of each bearing element.

30. (Previously Presented) A pallet as defined in Claim 24, wherein said bearing construction comprises three of said stringers extending substantially parallel to each other, wherein each of said stringers bears three of said bearing elements extending above a top surface of said stringer.

31. (New) A pallet as defined in Claim 24, wherein said cross supports are integrally molded with said bearing construction.

Applicant: Hoogland
Application Serial No.: 10/529,329
Filing Date: May 23, 2005
Docket No.: 294-211 PCT/US/RCE

32. (New) A pallet as defined in Claim 25, wherein at least one of said tubular edges of said top deck includes outwardly extending clamping projections, and wherein at least one of said bearing elements is formed with an upper edge defining an opening for receiving said at least one tubular edge, said outwardly extending clamping projections being engaged below said upper edge formed on said bearing element for snap-fit coupling said top deck with said bearing construction, and wherein said top deck further includes a plurality of openings formed adjacent to said clamping projections, said openings being sized to receive a tool for pushing the clamping projections back for releasing the top deck from said bearing construction.

33. (New) A pallet as defined in Claim 24, wherein said second supporting means are removable and replaceable without damaging the pallet.